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Key word index

Acetorphan
Desensitization; μ-Opioid receptors; δ-Opioid receptors; Analgesia (Bousselmame, R. (203) 295)

Acetylcholine
Cholinomimetics; Cerebral cortex; Stereochemistry; Alzheimer's disease; (Natural products) (McKinney, M. (203) 303)

ACPC (1-aminocyclopropanecarboxylic acid)
NMDA (N-methyl-D-aspartate); Strychnine-insensitive glycine receptors; Plus-maze; Forced swimming test (Trullas, R. (203) 379)

A-delta afferents
$GABA_A$ receptors; Ca^{2+}; Sensory neurones; Ca^{2+} pools (intracellular); Caffeine; Ryanodine (Desaulles, E. (203) 137)

Adenylate cyclase
LiCl; cAMP; Myenteric plexus; LiCl-treated animals (chronically); Phosphodiesterase inhibitors; (Isolated organ bath) (Mármol, F. (203) 181)

Adrenoceptors
Urethra; (Lamb) (García-Pascual, A. (203) 259)

α_2-Adrenoceptors (prejunctional)
ATP; Electrochemistry; Noradrenaline (endogenous); Extracellular recording; SK&F 104078 (Bao, J.-X. (203) 159)

β-Adrenoceptors
β_2-Adrenoceptor-selective agonists; Broxaterol; Thermodynamics; Enthalpy changes; Entropy changes (Sala, R. (203) 17)

β_2-Adrenoceptor-selective agonists
β-Adrenoceptors; Broxaterol; Thermodynamics; Enthalpy changes; Entropy changes (Sala, R. (203) 17)

Affiliation
Oxytocin; Ultrasonic vocalization; Anxiety; Thermoregulation (Insel, T.R. (203) 149)

Airway
Co-axial bioassay; EpDRF (epithelium-derived relaxant factor); Trachea (guinea-pig); Bronchus (rabbit); Aorta (rat) (Gunn, L.K. (203) 405)

Airway epithelial cells
Endothelin; Endotoxin (Ninomiya, H. (203) 299)

Airway muscle (human)
Bronchial hyperresponsiveness; Inflammatory mediators; Epithelium; Mast cell activation; Anti-human immunoglobulin E (Jongejan, R. (203) 187)

Allosteric antagonists
Tetrahydroaminoacridine; Muscarinic receptors; Muscarinic receptor subtypes; Brain; (Rat) (Kiefer-Day, J.S. (203) 421)

Alphaxalone
Halothane; Ketamine; Pentobarbitone; Urethane; Ether; Diisopropylphenol; Lignocaine; Ca^{2+} currents (axonal); Olfactory cortex (McGivern, J. (203) 59)

Alzheimer's disease
Acetylcholine; Cholinomimetics; Cerebral cortex; Stereochemistry; (Natural products) (McKinney, M. (203) 303)

cAMP
LiCl; Adenylate cyclase; Myenteric plexus; LiCl-treated animals (chronically); Phosphodiesterase inhibitors; (Isolated organ bath) (Mármol, F. (203) 181)

AMPA receptors
NBQX (2,3-dihydroxy-6-nitro-7-sulfamoyl-benzo(F)quinoxaline); Pain reflex; (Rat) (Bang Olsen, U. (203) 133)

Anaesthetics (volatile)
Halothane; Isoflurane; Arachidonic acid cascade; G-proteins; Myocardial contractility; (Rat) (Vulliemoz, Y. (203) 345)

Analgesia
Desensitization; μ-Opioid receptors; δ-Opioid receptors; Acetorphan (Bousselmame, R. (203) 295)

Anaphylactic shock
Nitric oxide (NO); L-NAME (N^G-nitro-L-arginine methyl ester); (Mouse) (Amir, S. (203) 125)

Angiotensin I
Angiotensin II; Angiotensin-converting enzyme (cardiac); Heart (isolated); Coronary flow; Ischemia; Hypoxia (Tian, R. (203) 71)

Angiotensin II
Angiotensin I; Angiotensin-converting enzyme (cardiac); Heart (isolated); Coronary flow; Ischemia; Hypoxia (Tian, R. (203) 71)

Angiotensin-converting enzyme (cardiac)
Angiotensin I; Angiotensin II; Heart (isolated); Coronary flow; Ischemia; Hypoxia (Tian, R. (203) 71)

Anion exchange inhibitors
Smooth muscle (vascular); Cl^- ions; Isethionate; Ca^{2+} movement; Cl^- channels; Caffeine (Zhang, A. (203) 223)

Antianginal agent
E4080; Bradycardiac agents; Coronary vasodilating action; ATP-sensitive K^+ channels; Glibenclamide (Kawamura, T. (203) 399)

Antiarrhythmic drugs
Batrachotoxinin; Na^+ channels; State-dependent binding (Hill, R.J. (203) 51)

Anti-human immunoglobulin E
Airway muscle (human); Bronchial hyperresponsiveness; Inflammatory mediators; Epithelium; Mast cell activation (Jongejan, R. (203) 187)

Antinociception
β-Funaltrexamine; Opioid receptor binding (Liu-Chen, L.-Y. (203) 195)

Antitussive effects
μ-Opioid receptors; δ-Opioid receptors; Cough reflex; Naltrindole; (Rat) (Kamei, J. (203) 153)

Antitussives
Cough reflex; 5-HT receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT_{1A} receptors (Kamei, J. (203) 253)

Anxiety
Oxytocin; Ultrasonic vocalization; Thermoregulation; Affiliation (Insel, T.R. (203) 149)

Aorta (rat)
Co-axial bioassay; EpDRF (epithelium-derived relaxant factor); Airway; Trachea (guinea-pig); Bronchus (rabbit) (Gunn, L.K. (203) 405)

Arachidonic acid cascade
Anaesthetics (volatile); Halothane; Isoflurane; G-proteins; Myocardial contractility; (Rat) (Vulliemoz, Y. (203) 345)

ATP
Electrochemistry; Noradrenaline (endogenous); Extracellular recording; α_2-Adrenoceptors (prejunctional); SK&F 104078 (Bao, J.-X. (203) 159)

ATP-sensitive K^+ channels
E4080; Bradycardiac agents; Coronary vasodilating action; Glibenclamide; Antianginal agent (Kawamura, T. (203) 399)

Baclofen
Carbachol; Inhibitory postsynaptic potentials (monosynaptic); Phorbol esters; (Disinhibition) (Lambert, N.A. (203) 129)

Batrachotoxinin
Antiarrhythmic drugs; Na^+ channels; State-dependent binding (Hill, R.J. (203) 51)

Benzimidazolone derivatives
5-HT_3 receptors; 5-HT_4 receptors; Prokinetic activity (Turconi, M. (203) 203)

Blood pressure
5-HT (5-hydroxytryptamine, serotonin); Circumventricular organs; Xylamidine; (Conscious rat) (Pérgola, P.E. (203) 145)

Bradycardiac agents
E4080; Coronary vasodilating action; ATP-sensitive K^+ channels; Glibenclamide; Antianginal agent (Kawamura, T. (203) 399)

Brain
Tetrahydroaminoacridine; Muscarinic receptors; Muscarinic receptor subtypes; Allosteric antagonists; (Rat) (Kiefer-Day, J.S. (203) 421)

Brain (guinea-pig)
σ Receptors; Vas deferens (mouse); Twitch contractions (electrically stimulated) (DeHaven-Hudkins, D.L. (203) 329)

Brain (rat)
γ-Hydroxybutyrate receptors; γ-Hydroxybutyrate receptor antagonists; Sedative/anaesthetic effects; NCS-382; Catalepsy; Neuroleptics (Schmidt, C. (203) 393)

Bronchial hyperresponsiveness
Airway muscle (human); Inflammatory mediators; Epithelium; Mast cell activation; Anti-human immunoglobulin E (Jongejan, R. (203) 187)

Bronchus (rabbit)
Co-axial bioassay; EpDRF (epithelium-derived relaxant factor); Airway; Trachea (guinea-pig); Aorta (rat) (Gunn, L.K. (203) 405)

Broxaterol
β-Adrenoceptors; β_2-Adrenoceptor-selective agonists; Thermodynamics; Enthalpy changes; Entropy changes (Sala, R. (203) 17)

Butorphanol
Morphine; Withdrawal (precipitated and abrupt); Physical dependence (Horan, P. (203) 387)

Ca^{2+}
$GABA_A$ receptors; Sensory neurones; Ca^{2+} pools (intracellular); Caffeine; Ryanodine; A-delta afferents (Desaulles, E. (203) 137)

Muscarinic M_1 heteroreceptors (prejunctional); Muscarinic receptor agonists; Vas deferens (rabbit); Pirenzepine; 4-Cl-McN-A-343 (Dörje, F. (203) 417)

Ca^{2+} binding
Ca^{2+} channel blockers; Smooth muscle (vascular); Cardiac muscle; Ca^{45}uptake; Tissue selectivity; (Slow response) (Shibata, S. (203) 337)

Ca^{2+} channel agonists
Heart cells (cultured); Heart cells (embryonic); Patch clamp analysis; Ca^{2+} channels (L-type); Single channel currents (Tohse, N. (203) 307)

Ca^{2+} channel antagonists
Cocaine; Dopamine uptake; Striatal synaptosomes (Devoto, P. (203) 67)

Ca^{2+} channel blockers
Smooth muscle (vascular); Cardiac muscle; Ca^{45}uptake; Tissue selectivity; Ca^{2+} binding; (Slow response) (Shibata, S. (203) 337)

Ca^{2+} channels
Diabetes; Renal artery; Hyperreactivity; Hyperpermeability (Inazu, M. (203) 79)

Ca^{2+} channels (L-type)
Heart cells (cultured); Heart cells (embryonic); Patch clamp analysis; Single channel currents; Ca^{2+} channel agonists (Tohse, N. (203) 307)

Ca^{2+} currents (axonal)
Halothane; Ketamine; Pentobarbitone; Urethane; Ether; Alphaxalone; Diisopropylphenol; Lignocaine; Olfactory cortex (McGivern, J. (203) 59)

Ca^{2+} entry blockers
Prostaglandin $F_{2\alpha}$; Cerebral blood flow; Middle cerebral artery; Ca^{2+}-free medium (Salom, J.B. (203) 33)

Caffeine
$GABA_A$ receptors; Ca^{2+}; Sensory neurones; Ca^{2+} pools (intracellular); Ryanodine; A-delta afferents (Desaulles, E. (203) 137)

Smooth muscle (vascular); Cl^- ions; Isethionate; Ca^{2+} movement; Anion exchange inhibitors; Cl^- channels (Zhang, A. (203) 223)

Ca^{2+}-free medium
Prostaglandin $F_{2\alpha}$; Cerebral blood flow; Middle cerebral artery; Ca^{2+} entry blockers (Salom, J.B. (203) 33)

Ca^{2+} movement
Smooth muscle (vascular); Cl^- ions; Isethionate; Anion exchange inhibitors; Cl^- channels; Caffeine (Zhang, A. (203) 223)

Ca^{2+} pools (intracellular)
$GABA_A$ receptors; Ca^{2+}; Sensory neurones; Caffeine; Ryanodine; A-delta afferents (Desaulles, E. (203) 137)

Carbachol
Baclofen; Inhibitory postsynaptic potentials (monosynaptic); Phorbol esters; (Disinhibition) (Lambert, N.A. (203) 129)

Cardiac cells
Na^+ currents; Veratridine; Cardioprotection; (Block) (Verdonck, F. (203) 371)

Cardiac muscle
Ca^{2+} channel blockers; Smooth muscle (vascular); Ca^{45}uptake; Tissue selectivity; Ca^{2+} binding; (Slow response) (Shibata, S. (203) 337)

Cardioprotection
Na^+ currents; Veratridine; Cardiac cells; (Block) (Verdonck, F. (203) 371)

Castration/neurotransmission
Neuropeptide Y (NPY); Vas deferens; Neurotransmission; Hormonal regulation; (Age and castration); (Rat) (Bitran, M. (203) 267)

Catalepsy
Haloperidol; NMDA receptors; Dopamine; Glutamate; Caudate-putamen; (Rat) (Yoshida, Y. (203) 173)

γ-Hydroxybutyrate receptors; γ-Hydroxybutyrate receptor antagonists; Sedative/anaesthetic effects; Brain (rat); NCS-382; Neuroleptics (Schmidt, C. (203) 393)

Caudate-putamen
Catalepsy; Haloperidol; NMDA receptors; Dopamine; Glutamate; (Rat) (Yoshida, Y. (203) 173)

Ca^{45}uptake
Ca^{2+} channel blockers; Smooth muscle (vascular); Cardiac muscle; Tissue selectivity; Ca^{2+} binding; (Slow response) (Shibata, S. (203) 337)

Cerebral blood flow
Prostaglandin $F_{2\alpha}$; Middle cerebral artery; Ca^{2+}-free medium; Ca^{2+} entry blockers (Salom, J.B. (203) 33)

Endothelin-1; Ischaemia; Ischaemic pressor response (Macrae, I. (203) 85)

Cerebral cortex
Acetylcholine; Cholinomimetics; Stereochemistry; Alzheimer's disease; (Natural products) (McKinney, M. (203) 303)

Cerebral ischemia
$5\text{-}HT_{1A}$ receptor agonists; Neuroprotection; Hypothermia (Prehn, J.H.M. (203) 213)

CGS 19755
NMDA (N-methyl-D-aspartate); MK 801; Phencyclidine (PCP); CPP (3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); $5\text{-}HT_{1A}$ receptors; Tail flicks (spontaneous) (Millan, M.J. (203) 315)

p-Chloroamphetamine
MDMA(3,4-methylenedioxymethamphetamine); Methamphetamine; Fenfluramine; Dopamine/serotonin neurotoxicity (Schmidt, C.J. (203) 41)

Cholinomimetics
Acetylcholine; Cerebral cortex; Stereochemistry; Alzheimer's disease; (Natural products) (McKinney, M. (203) 303)

Circumventricular organs
5-HT (5-hydroxytryptamine, serotonin); Blood pressure; Xylamidine; (Conscious rat) (Pérgola, P.E. (203) 145)

Cl^- channels
Smooth muscle (vascular); Cl^- ions; Isethionate; Ca^{2+} movement; Anion exchange inhibitors; Caffeine (Zhang, A. (203) 223)

Cl^- ions
Smooth muscle (vascular); Isethionate; Ca^{2+} movement; Anion exchange inhibitors; Cl^- channels; Caffeine (Zhang, A. (203) 223)

4-Cl-McN-A-343
Muscarinic M_1 heteroreceptors (prejunctional); Muscarinic receptor agonists; Vas deferens (rabbit); Ca^{2+}; Pirenzepine (Dörje, F. (203) 417)

Co-axial bioassay
EpDRF (epithelium-derived relaxant factor); Airway; Trachea (guinea-pig); Bronchus (rabbit); Aorta (rat) (Gunn, L.K. (203) 405)

Cocaine
Ca^{2+} channel antagonists; Dopamine uptake; Striatal synaptosomes (Devoto, P. (203) 67)

Colon (human)
Tachykinins; Tachykinin receptors; Tachykinin receptor antagonists; NK_2 receptor subtypes (Giuliani, S. (203) 365)

Convulsions
NMDA (N-methyl-D-aspartate); Excitatory amino acids (Schoepp, D.D. (203) 237)

Coronary flow
Angiotensin I; Angiotensin II; Angiotensin-converting enzyme (cardiac); Heart (isolated); Ischemia; Hypoxia (Tian, R. (203) 71)

Coronary vasodilating action
E4080; Bradycardiac agents; ATP-sensitive K^+ channels; Glibenclamide; Antianginal agent (Kawamura, T. (203) 399)

Cough reflex
μ-Opioid receptors; δ-Opioid receptors; Antitussive effects; Naltrindole; (Rat) (Kamei, J. (203) 153)

Antitussives; 5-HT receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); $5\text{-}HT_{1A}$ receptors (Kamei, J. (203) 253)

CPP (3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid)
NMDA (N-methyl-D-aspartate); MK 801; Phencyclidine (PCP); CGS 19755; $5\text{-}HT_{1A}$ receptors; Tail flicks (spontaneous) (Millan, M.J. (203) 315)

Desensitization
μ-Opioid receptors; δ-Opioid receptors; Acetorphan; Analgesia (Bousselmame, R. (203) 295)

Desipramine
Forced swimming test; Imipramine; 5-HT_{1C} receptor antagonists; (Mouse) (Borsini, F. (203) 359)

Diabetes
Renal artery; Ca^{2+} channels; Hyperreactivity; Hyperpermeability (Inazu, M. (203) 79)

Diisopropylphenol
Halothane; Ketamine; Pentobarbitone; Urethane; Ether; Alphaxalone; Lignocaine; Ca^{2+} currents (axonal); Olfactory cortex (McGivern, J. (203) 59)

Dopamine
Dopamine receptors; Quinpirole; Striatum; Neuroleptics (Seeman, P. (203) 105)

Ontogeny; Dopamine D_1 receptors; 6-Hydroxydopamine (6-OHDA); SK&F 38393; Supersensitization (Hamdi, A. (203) 115)

Catalepsy; Haloperidol; NMDA receptors; Glutamate; Caudate-putamen; (Rat) (Yoshida, Y. (203) 173)

Dopamine receptors
Dopamine; Quinpirole; Striatum; Neuroleptics (Seeman, P. (203) 105)

Dopamine D_1 receptors
Ontogeny; Dopamine; 6-Hydroxydopamine (6-OHDA); SK&F 38393; Supersensitization (Hamdi, A. (203) 115)

Dopamine/serotonin neurotoxicity
MDMA(3,4-methylenedioxymethamphetamine); p-Chloroamphetamine; Methamphetamine; Fenfluramine (Schmidt, C.J. (203) 41)

Dopamine uptake
Cocaine; Ca^{2+} channel antagonists; Striatal synaptosomes (Devoto, P. (203) 67)

Sensitization; Striatum; Down-regulation (Sharpe, L.G. (203) 141)

Down-regulation
Sensitization; Striatum; Dopamine uptake (Sharpe, L.G. (203) 141)

Duodenum (rat)
Substance P; Substance P analogues (hepta- and hexapseudopeptide); Spantide; NK_1 receptors; NK_2 receptors; Ileum (guinea-pig) (Zacharia, S. (203) 353)

E4080
Bradycardiac agents; Coronary vasodilating action; ATP-sensitive K^+ channels; Glibenclamide; Antianginal agent (Kawamura, T. (203) 399)

Electrochemistry
ATP; Noradrenaline (endogenous); Extracellular recording; α_2-Adrenoceptors (prejunctional); SK&F 104078 (Bao, J.-X. (203) 159)

Endorphins (γ-type)
Haloperidol; Grasping response (Van Furth, W.R. (203) 413)

Endothelin-1
Cerebral blood flow; Ischaemia; Ischaemic pressor response (Macrae, I. (203) 85)

Norepinephrine release; Renal blood flow; (Dog) (Takagi, H. (203) 291)

Endotoxin; Airway epithelial cells (Ninomiya, H. (203) 299)

Endotoxin
Endothelin; Airway epithelial cells (Ninomiya, H. (203) 299)

[Met^5]enkephalin levels
Spinal morphine; Physical dependence; Morphine withdrawal (Cridland, R.A. (203) 93)

Enthalpy changes
β-Adrenoceptors; β_2-Adrenoceptor-selective agonists; Broxaterol; Thermodynamics; Entropy changes (Sala, R. (203) 17)

Entropy changes
β-Adrenoceptors; β_2-Adrenoceptor-selective agonists; Broxaterol; Thermodynamics; Enthalpy changes (Sala, R. (203) 17)

EpDRF (epithelium-derived relaxant factor)
Co-axial bioassay; Airway; Trachea (guinea-pig); Bronchus (rabbit); Aorta (rat) (Gunn, L.K. (203) 405)

Epithelium
Airway muscle (human); Bronchial hyperresponsiveness; Inflammatory mediators; Mast cell activation; Anti-human immunoglobulin E (Jongejan, R. (203) 187)

Ether
Halothane; Ketamine; Pentobarbitone; Urethane; Alphaxalone; Diisopropylphenol; Lignocaine; Ca^{2+} currents (axonal); Olfactory cortex (McGivern, J. (203) 59)

Excitatory amino acids
NMDA (N-methyl-D-aspartate); Convulsions (Schoepp, D.D. (203) 237)

Extracellular recording
ATP; Electrochemistry; Noradrenaline (endogenous); α_2-Adrenoceptors (prejunctional); SK&F 104078 (Bao, J.-X. (203) 159)

Fenfluramine
MDMA(3,4-methylenedioxymethamphetamine); p-Chloroamphetamine; Methamphetamine; Dopamine/serotonin neurotoxicity (Schmidt, C.J. (203) 41)

Flurbiprofen
Hypoxia; Intrapulmonary artery rings (sheep); Verapamil (Demiryurek, A.T. (203) 1)

Forced swimming test
Imipramine; Desipramine; 5-HT_{1C} receptor antagonists; (Mouse) (Borsini, F. (203) 359)

ACPC (1-aminocyclopropanecarboxylic acid); NMDA (N-methyl-D-aspartate); Strychnine-insensitive glycine receptors; Plus-maze (Trullas, R. (203) 379)

β-Funaltrexamine
Opioid receptor binding; Antinociception (Liu-Chen, L.-Y. (203) 195)

$GABA_A$ receptors
Ca^{2+}; Sensory neurones; Ca^{2+} pools (intracellular); Caffeine; Ryanodine; A-delta afferents (Desaulles, E. (203) 137)

Galanin
Pancreatic islets; Insulin secretion (Gregersen, S. (203) 111)

Gastric acid secretion
Histamine; Oxyntomodulin; Oxyntomodulin fragments; (Conscious rat) (Carles-Bonnet, C. (203) 245)

Glibenclamide
E4080; Bradycardiac agents; Coronary vasodilating action; ATP-sensitive K^+ channels; Antianginal agent (Kawamura, T. (203) 399)

Glutamate
Catalepsy; Haloperidol; NMDA receptors; Dopamine; Caudate-putamen; (Rat) (Yoshida, Y. (203) 173)

G-proteins
Neuropeptide Y (NPY); VIP (vasoactive intestinal polypeptide); Vasoconstriction; Pertussis toxin (Morris, J.L. (203) 275)

Transmitter release; Miniature end-plate potential–fluoride; Protein kinase C (Light, P.E. (203) 311)

Anaesthetics (volatile); Halothane; Isoflurane; Arachidonic acid cascade; Myocardial contractility; (Rat) (Vulliemoz, Y. (203) 345)

Grasping response
Haloperidol; Endorphins (γ-type) (Van Furth, W.R. (203) 413)

Haloperidol
Catalepsy; NMDA receptors; Dopamine; Glutamate; Caudate-putamen; (Rat) (Yoshida, Y. (203) 173)

Grasping response; Endorphins (γ-type) (Van Furth, W.R. (203) 413)

Halothane
Ketamine; Pentobarbitone; Urethane; Ether; Alphaxalone; Diisopropylphenol; Lignocaine; Ca^{2+} currents (axonal); Olfactory cortex (McGivern, J. (203) 59)

Anaesthetics (volatile); Isoflurane; Arachidonic acid cascade; G-proteins; Myocardial contractility; (Rat) (Vulliemoz, Y. (203) 345)

Heart cells (cultured)
Heart cells (embryonic); Patch clamp analysis; Ca^{2+} channels (L-type); Single channel currents; Ca^{2+} channel agonists (Tohse, N. (203) 307)

Heart cells (embryonic)
Heart cells (cultured); Patch clamp analysis; Ca^{2+} channels (L-type); Single channel currents; Ca^{2+} channel agonists (Tohse, N. (203) 307)

Heart (isolated)
Angiotensin I; Angiotensin II; Angiotensin-converting enzyme (cardiac); Coronary flow; Ischemia; Hypoxia (Tian, R. (203) 71)

Histamine
Oxyntomodulin; Oxyntomodulin fragments; Gastric acid secretion; (Conscious rat) (Carles-Bonnet, C. (203) 245)

Hormonal regulation
Neuropeptide Y (NPY); Vas deferens; Neurotransmission; Castration/neurotransmission; (Age and castration); (Rat) (Bitran, M. (203) 267)

5-HT_{1A} autoreceptors
5-HT_{1A} receptor agonists; Ingestion; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ontogeny (Spear, L.P. (203) 9)

5-HT (5-hydroxytryptamine, serotonin)
Circumventricular organs; Blood pressure; Xylamidine; (Conscious rat) (Pérgola, P.E. (203) 145)

Thyrotropin-releasing hormone (TRH) release; Spinal cord (Ono, H. (203) 283)

5-HT_{1A} receptor agonists
5-HT_{1A} autoreceptors; Ingestion; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ontogeny (Spear, L.P. (203) 9)

Cerebral ischemia; Neuroprotection; Hypothermia (Prehn, J.H.M. (203) 213)

5-HT_3 receptor antagonists
Memory; (Mouse) (Chugh, Y. (203) 121)

5-HT_{1C} receptor antagonists
Forced swimming test; Imipramine; Desipramine; (Mouse) (Borsini, F. (203) 359)

5-HT receptors
Cough reflex; Antitussives; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT_{1A} receptors (Kamei, J. (203) 253)

5-HT_{1A} receptors
Cough reflex; Antitussives; 5-HT receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin) (Kamei, J. (203) 253)

NMDA (N-methyl-D-aspartate); MK 801; Phencyclidine (PCP); CPP (3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); CGS 19755; Tail flicks (spontaneous) (Millan, M.J. (203) 315)

S 14671; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Naphthylpiperazine; Tail flick (spontaneous) (Millan, M.J. (203) 319)

5-HT_3 receptors
5-HT_4 receptors; Benzimidazolone derivatives; Prokinetic activity (Turconi, M. (203) 203)

5-HT_4 receptors
5-HT_3 receptors; Benzimidazolone derivatives; Prokinetic activity (Turconi, M. (203) 203)

γ-Hydroxybutyrate receptor antagonists
γ-Hydroxybutyrate receptors; Sedative/anaesthetic effects; Brain (rat); NCS-382; Catalepsy; Neuroleptics (Schmidt, C. (203) 393)

γ-Hydroxybutyrate receptors
γ-Hydroxybutyrate receptor antagonists; Sedative/anaesthetic effects; Brain (rat); NCS-382; Catalepsy; Neuroleptics (Schmidt, C. (203) 393)

6-Hydroxydopamine (6-OHDA)
Ontogeny; Dopamine; Dopamine D_1 receptors; SK&F 38393; Supersensitization (Hamdi, A. (203) 115)

Hyperpermeability
Diabetes; Renal artery; Ca^{2+} channels; Hyperreactivity (Inazu, M. (203) 79)

Hyperreactivity
Diabetes; Renal artery; Ca^{2+} channels; Hyperpermeability (Inazu, M. (203) 79)

Hypothermia
5-HT_{1A} receptor agonists; Cerebral ischemia; Neuroprotection (Prehn, J.H.M. (203) 213)

Hypoxia
Intrapulmonary artery rings (sheep); Flurbiprofen; Verapamil (Demiryurek, A.T. (203) 1)

Angiotensin I; Angiotensin II; Angiotensin-converting enzyme (cardiac); Heart (isolated); Coronary flow; Ischemia (Tian, R. (203) 71)

Ileum (guinea-pig)
Substance P; Substance P analogues (hepta- and hexapseudopeptide); Spantide; NK_1 receptors; NK_2 receptors; Duodenum (rat) (Zacharia, S. (203) 353)

Imipramine
Forced swimming test; Desipramine; 5-HT_{1C} receptor antagonists; (Mouse) (Borsini, F. (203) 359)

Inflammatory mediators
Airway muscle (human); Bronchial hyperresponsiveness; Epithelium; Mast cell activation; Anti-human immunoglobulin E (Jongejan, R. (203) 187)

Ingestion
5-HT_{1A} receptor agonists; 5-HT_{1A} autoreceptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ontogeny (Spear, L.P. (203) 9)

Inhibitory postsynaptic potentials (monosynaptic)
Carbachol; Baclofen; Phorbol esters; (Disinhibition) (Lambert, N.A. (203) 129)

Insulin secretion
Galanin; Pancreatic islets (Gregersen, S. (203) 111)

Intrapulmonary artery rings (sheep)
Hypoxia; Flurbiprofen; Verapamil (Demiryurek, A.T. (203) 1)

Ischaemia
Endothelin-1; Cerebral blood flow; Ischaemic pressor response (Macrae, I. (203) 85)

Ischaemic pressor response
Endothelin-1; Cerebral blood flow; Ischaemia (Macrae, I. (203) 85)

Ischemia
Angiotensin I; Angiotensin II; Angiotensin-converting enzyme (cardiac); Heart (isolated); Coronary flow; Hypoxia (Tian, R. (203) 71)

Isethionate
Smooth muscle (vascular); Cl^- ions; Ca^{2+} movement; Anion exchange inhibitors; Cl^- channels; Caffeine (Zhang, A. (203) 223)

Isoflurane
Anaesthetics (volatile); Halothane; Arachidonic acid cascade; G-proteins; Myocardial contractility; (Rat) (Vulliemoz, Y. (203) 345)

Ketamine
Halothane; Pentobarbitone; Urethane; Ether; Alphaxalone; Diisopropylphenol; Lignocaine; Ca^{2+} currents (axonal); Olfactory cortex (McGivern, J. (203) 59)

Kidney
NPY receptors; NPY Y_1 receptor agonists; NPY Y_2 receptor agonists; Spleen; Nasal mucosa; Vasoconstriction; Vas deferens (Modin, A. (203) 165)

LiCl
cAMP; Adenylate cyclase; Myenteric plexus; LiCl-treated animals (chronically); Phosphodiesterase inhibitors; (Isolated organ bath) (Mármol, F. (203) 181)

LiCl-treated animals (chronically)
LiCl; cAMP; Adenylate cyclase; Myenteric plexus; Phosphodiesterase inhibitors; (Isolated organ bath) (Mármol, F. (203) 181)

Lignocaine
Halothane; Ketamine; Pentobarbitone; Urethane; Ether; Alphaxalone; Diisopropylphenol; Ca^{2+} currents (axonal); Olfactory cortex (McGivern, J. (203) 59)

Mast cell activation
Airway muscle (human); Bronchial hyperresponsiveness; Inflammatory mediators; Epithelium; Anti-human immunoglobulin E (Jongejan, R. (203) 187)

MDMA(3,4-methylenedioxymethamphetamine)
p-Chloroamphetamine; Methamphetamine; Fenfluramine; Dopamine/serotonin neurotoxicity (Schmidt, C.J. (203) 41)

Memory
5-HT_3 receptor antagonists; (Mouse) (Chugh, Y. (203) 121)

Methamphetamine
MDMA(3,4-methylenedioxymethamphetamine); p-Chloroamphetamine; Fenfluramine; Dopamine/serotonin neurotoxicity (Schmidt, C.J. (203) 41)

Middle cerebral artery
Prostaglandin $F_{2\alpha}$; Cerebral blood flow; Ca^{2+}-free medium; Ca^{2+} entry blockers (Salom, J.B. (203) 33)

Miniature end-plate potential–fluoride
Transmitter release; G-proteins; Protein kinase C (Light, P.E. (203) 311)

MK 801
NMDA (N-methyl-D-aspartate); Phencyclidine (PCP); CPP (3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); CGS 19755; 5-HT_{1A} receptors; Tail flicks (spontaneous) (Millan, M.J. (203) 315)

Morphine
Butorphanol; Withdrawal (precipitated and abrupt); Physical dependence (Horan, P. (203) 387)

Morphine withdrawal
Spinal morphine; Physical dependence; [Met^5]enkephalin levels (Cridland, R.A. (203) 93)

Muscarinic M_1 heteroreceptors (prejunctional)
Muscarinic receptor agonists; Vas deferens (rabbit); Ca^{2+}; Pirenzepine; 4-Cl-McN-A-343 (Dörje, F. (203) 417)

Muscarinic receptor agonists
Muscarinic M_1 heteroreceptors (prejunctional); Vas deferens (rabbit); Ca^{2+}; Pirenzepine; 4-Cl-McN-A-343 (Dörje, F. (203) 417)

Muscarinic receptors
Tetrahydroaminoacridine; Muscarinic receptor subtypes; Allosteric antagonists; Brain; (Rat) (Kiefer-Day, J.S. (203) 421)

Muscarinic receptor subtypes
Tetrahydroaminoacridine; Muscarinic receptors; Allosteric antagonists; Brain; (Rat) (Kiefer-Day, J.S. (203) 421)

Myenteric plexus
LiCl; cAMP; Adenylate cyclase; LiCl-treated animals (chronically); Phosphodiesterase inhibitors; (Isolated organ bath) (Mármol, F. (203) 181)

Myocardial contractility
Anaesthetics (volatile); Halothane; Isoflurane; Arachidonic acid cascade; G-proteins; (Rat) (Vulliemoz, Y. (203) 345)

Na^+ channels
Antiarrhythmic drugs; Batrachotoxinin; State-dependent binding (Hill, R.J. (203) 51)

Na^+ currents
Veratridine; Cardioprotection; Cardiac cells; (Block) (Verdonck, F. (203) 371)

Naloxone
Spinal cord injury; Thyrotropin-releasing hormone (TRH); Neurologic impairment; (Time extent of effectiveness) (Hashimoto, T. (203) 25)

Naltrindole
μ-Opioid receptors; δ-Opioid receptors; Antitussive effects; Cough reflex; (Rat) (Kamei, J. (203) 153)

L-NAME (N^G-nitro-L-arginine methyl ester)
Anaphylactic shock; Nitric oxide (NO); (Mouse) (Amir, S. (203) 125)

Naphthylpiperazine
S 14671; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT_{1A} receptors; Tail flick (spontaneous) (Millan, M.J. (203) 319)

Nasal mucosa
NPY receptors; NPY Y_1 receptor agonists; NPY Y_2 receptor agonists; Spleen; Kidney; Vasoconstriction; Vas deferens (Modin, A. (203) 165)

NBQX (2,3-dihydroxy-6-nitro-7-sulfamoyl-benzo(F)quinoxaline)
AMPA receptors; Pain reflex; (Rat) (Bang Olsen, U. (203) 133)

NCS-382
γ-Hydroxybutyrate receptors; γ-Hydroxybutyrate receptor antagonists; Sedative/anaesthetic effects; Brain (rat); Catalepsy; Neuroleptics (Schmidt, C. (203) 393)

Neuroleptics
Dopamine; Dopamine receptors; Quinpirole; Striatum (Seeman, P. (203) 105)

γ-Hydroxybutyrate receptors; γ-Hydroxybutyrate receptor antagonists; Sedative/anaesthetic effects; Brain (rat); NCS-382; Catalepsy (Schmidt, C. (203) 393)

Neurologic impairment
Spinal cord injury; Thyrotropin-releasing hormone (TRH); Naloxone; (Time extent of effectiveness) (Hashimoto, T. (203) 25)

Neuropeptide Y (NPY)
Vas deferens; Neurotransmission; Hormonal regulation; Castration/neurotransmission; (Age and castration); (Rat) (Bitran, M. (203) 267)

VIP (vasoactive intestinal polypeptide); Vasoconstriction; Pertussis toxin; G-proteins (Morris, J.L. (203) 275)

Neuroprotection
5-HT_{1A} receptor agonists; Cerebral ischemia; Hypothermia (Prehn, J.H.M. (203) 213)

Neurotransmission
Neuropeptide Y (NPY); Vas deferens; Hormonal regulation; Castration/neurotransmission; (Age and castration); (Rat) (Bitran, M. (203) 267)

Nitric oxide (NO)
Anaphylactic shock; L-NAME (N^G-nitro-L-arginine methyl ester); (Mouse) (Amir, S. (203) 125)

NK_1 receptors
Substance P; Substance P analogues (hepta- and hexapseudopeptide); Spantide; NK_2 receptors; Ileum (guinea-pig); Duodenum (rat) (Zacharia, S. (203) 353)

NK_2 receptors
Substance P; Substance P analogues (hepta- and hexapseudopeptide); Spantide; NK_1 receptors; Ileum (guinea-pig); Duodenum (rat) (Zacharia, S. (203) 353)

NK_2 receptor subtypes
Tachykinins; Tachykinin receptors; Colon (human); Tachykinin receptor antagonists (Giuliani, S. (203) 365)

NMDA (N-methyl-D-aspartate)
Excitatory amino acids; Convulsions (Schoepp, D.D. (203) 237)

MK 801; Phencyclidine (PCP); CPP (3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); CGS 19755; 5-HT_{1A} receptors; Tail flicks (spontaneous) (Millan, M.J. (203) 315)

ACPC (1-aminocyclopropanecarboxylic acid); Strychnine-insensitive glycine receptors; Plus-maze; Forced swimming test (Trullas, R. (203) 379)

NMDA receptors
Catalepsy; Haloperidol; Dopamine; Glutamate; Caudate-putamen; (Rat) (Yoshida, Y. (203) 173)

Noradrenaline (endogenous)
ATP; Electrochemistry; Extracellular recording; α_2-Adrenoceptors (prejunctional); SK&F 104078 (Bao, J.-X. (203) 159)

Norepinephrine release
Endothelin; Renal blood flow; (Dog) (Takagi, H. (203) 291)

NPY receptors
NPY Y_1 receptor agonists; NPY Y_2 receptor agonists; Spleen; Kidney; Nasal mucosa; Vasoconstriction; Vas deferens (Modin, A. (203) 165)

NPY Y_1 receptor agonists
NPY receptors; NPY Y_2 receptor agonists; Spleen; Kidney; Nasal mucosa; Vasoconstriction; Vas deferens (Modin, A. (203) 165)

NPY Y_2 receptor agonists
NPY receptors; NPY Y_1 receptor agonists; Spleen; Kidney; Nasal mucosa; Vasoconstriction; Vas deferens (Modin, A. (203) 165)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin)
5-HT_{1A} receptor agonists; 5-HT_{1A} autoreceptors; Ingestion; Ontogeny (Spear, L.P. (203) 9)

Cough reflex; Antitussives; 5-HT receptors; 5-HT_{1A} receptors (Kamei, J. (203) 253)

S 14671; 5-HT_{1A} receptors; Naphthylpiperazine; Tail flick (spontaneous) (Millan, M.J. (203) 319)

Olfactory cortex
Halothane; Ketamine; Pentobarbitone; Urethane; Ether; Alphaxalone; Diisopropylphenol; Lignocaine; Ca^{2+} currents (axonal) (McGivern, J. (203) 59)

Ontogeny
5-HT_{1A} receptor agonists; 5-HT_{1A} autoreceptors; Ingestion; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin) (Spear, L.P. (203) 9)

Dopamine; Dopamine D_1 receptors; 6-Hydroxydopamine (6-OHDA); SK&F 38393; Supersensitization (Hamdi, A. (203) 115)

Opioid receptor binding
β-Funaltrexamine; Antinociception (Liu-Chen, L.-Y. (203) 195)

δ-Opioid receptors
μ-Opioid receptors; Antitussive effects; Cough reflex; Naltrindole; (Rat) (Kamei, J. (203) 153)

Desensitization; μ-Opioid receptors; Acetorphan; Analgesia (Bousselmame, R. (203) 295)

μ-Opioid receptors
δ-Opioid receptors; Antitussive effects; Cough reflex; Naltrindole; (Rat) (Kamei, J. (203) 153)

Desensitization; δ-Opioid receptors; Acetorphan; Analgesia (Bousselmame, R. (203) 295)

Oxyntomodulin
Histamine; Oxyntomodulin fragments; Gastric acid secretion; (Conscious rat) (Carles-Bonnet, C. (203) 245)

Oxyntomodulin fragments
Histamine; Oxyntomodulin; Gastric acid secretion; (Conscious rat) (Carles-Bonnet, C. (203) 245)

Oxytocin
Ultrasonic vocalization; Anxiety; Thermoregulation; Affiliation (Insel, T.R. (203) 149)

Pain reflex
AMPA receptors; NBQX (2,3-dihydroxy-6-nitro-7-sulfamoyl-benzo-(F)quinoxaline); (Rat) (Bang Olsen, U. (203) 133)

Pancreatic islets
Galanin; Insulin secretion (Gregersen, S. (203) 111)

Patch clamp analysis
Heart cells (cultured); Heart cells (embryonic); Ca^{2+} channels (L-type); Single channel currents; Ca^{2+} channel agonists (Tohse, N. (203) 307)

Pentobarbitone
Halothane; Ketamine; Urethane; Ether; Alphaxalone; Diisopropylphenol; Lignocaine; Ca^{2+} currents (axonal); Olfactory cortex (McGivern, J. (203) 59)

Pertussis toxin
Neuropeptide Y (NPY); VIP (vasoactive intestinal polypeptide); Vasoconstriction; G-proteins (Morris, J.L. (203) 275)

Phencyclidine (PCP)
NMDA (N-methyl-D-aspartate); MK 801; CPP (3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); CGS 19755; 5-HT_{1A} receptors; Tail flicks (spontaneous) (Millan, M.J. (203) 315)

Phorbol esters
Carbachol; Baclofen; Inhibitory postsynaptic potentials (monosynaptic); (Disinhibition) (Lambert, N.A. (203) 129)

Phosphodiesterase inhibitors
LiCl; cAMP; Adenylate cyclase; Myenteric plexus; LiCl-treated animals (chronically); (Isolated organ bath) (Mármol, F. (203) 181)

Physical dependence
Spinal morphine; Morphine withdrawal; [Met^5]enkephalin levels (Cridland, R.A. (203) 93)

Butorphanol; Morphine; Withdrawal (precipitated and abrupt) (Horan, P. (203) 387)

Pirenzepine
Muscarinic M_1 heteroreceptors (prejunctional); Muscarinic receptor agonists; Vas deferens (rabbit); Ca^{2+}; 4-Cl-McN-A-343 (Dörje, F. (203) 417)

Plus-maze
ACPC (1-aminocyclopropanecarboxylic acid); NMDA (N-methyl-D-aspartate); Strychnine-insensitive glycine receptors; Forced swimming test (Trullas, R. (203) 379)

Prokinetic activity
5-HT_3 receptors; 5-HT_4 receptors; Benzimidazolone derivatives (Turconi, M. (203) 203)

Prostaglandin $F_{2\alpha}$
Cerebral blood flow; Middle cerebral artery; Ca^{2+}-free medium; Ca^{2+} entry blockers (Salom, J.B. (203) 33)

Protein kinase C
Transmitter release; Miniature end-plate potential–fluoride; G-proteins (Light, P.E. (203) 311)

Quinpirole
Dopamine; Dopamine receptors; Striatum; Neuroleptics (Seeman, P. (203) 105)

σ Receptors
Vas deferens (mouse); Brain (guinea-pig); Twitch contractions (electrically stimulated) (DeHaven-Hudkins, D.L. (203) 329)

Renal artery
Diabetes; Ca^{2+} channels; Hyperreactivity; Hyperpermeability (Inazu, M. (203) 79)

Renal blood flow
Endothelin; Norepinephrine release; (Dog) (Takagi, H. (203) 291)

Ryanodine
$GABA_A$ receptors; Ca^{2+}; Sensory neurones; Ca^{2+} pools (intracellular); Caffeine; A-delta afferents (Desaulles, E. (203) 137)

S 14671
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT_{1A} receptors; Naphthylpiperazine; Tail flick (spontaneous) (Millan, M.J. (203) 319)

Sedative/anaesthetic effects
γ-Hydroxybutyrate receptors; γ-Hydroxybutyrate receptor antagonists; Brain (rat); NCS-382; Catalepsy; Neuroleptics (Schmidt, C. (203) 393)

Sensitization
Striatum; Down-regulation; Dopamine uptake (Sharpe, L.G. (203) 141)

Sensory neurones
$GABA_A$ receptors; Ca^{2+}; Ca^{2+} pools (intracellular); Caffeine; Ryanodine; A-delta afferents (Desaulles, E. (203) 137)

Single channel currents
Heart cells (cultured); Heart cells (embryonic); Patch clamp analysis; Ca^{2+} channels (L-type); Ca^{2+} channel agonists (Tohse, N. (203) 307)

SK&F 38393
Ontogeny; Dopamine; Dopamine D_1 receptors; 6-Hydroxydopamine (6-OHDA); Supersensitization (Hamdi, A. (203) 115)

SK&F 104078
ATP; Electrochemistry; Noradrenaline (endogenous); Extracellular recording; α_2-Adrenoceptors (prejunctional) (Bao, J.-X. (203) 159)

Smooth muscle (vascular)
Cl^- ions; Isethionate; Ca^{2+} movement; Anion exchange inhibitors; Cl^- channels; Caffeine (Zhang, A. (203) 223)

Ca^{2+} channel blockers; Cardiac muscle; Ca^{45}uptake; Tissue selectivity; Ca^{2+} binding; (Slow response) (Shibata, S. (203) 337)

Spantide
Substance P; Substance P analogues (hepta- and hexapseudopeptide); NK_1 receptors; NK_2 receptors; Ileum (guinea-pig); Duodenum (rat) (Zacharia, S. (203) 353)

Spinal cord
5-HT (5-hydroxytryptamine, serotonin); Thyrotropin-releasing hormone (TRH) release (Ono, H. (203) 283)

Spinal cord injury
Thyrotropin-releasing hormone (TRH); Naloxone; Neurologic impairment; (Time extent of effectiveness) (Hashimoto, T. (203) 25)

Spinal morphine
Physical dependence; Morphine withdrawal; [Met^5]enkephalin levels (Cridland, R.A. (203) 93)

Spleen
NPY receptors; NPY Y_1 receptor agonists; NPY Y_2 receptor agonists; Kidney; Nasal mucosa; Vasoconstriction; Vas deferens (Modin, A. (203) 165)

State-dependent binding
Antiarrhythmic drugs; Batrachotoxinin; Na^+ channels (Hill, R.J. (203) 51)

Stereochemistry
Acetylcholine; Cholinomimetics; Cerebral cortex; Alzheimer's disease; (Natural products) (McKinney, M. (203) 303)

Striatal synaptosomes
Cocaine; Ca^{2+} channel antagonists; Dopamine uptake (Devoto, P. (203) 67)

Striatum
Dopamine; Dopamine receptors; Quinpirole; Neuroleptics (Seeman, P. (203) 105)

Sensitization; Down-regulation; Dopamine uptake (Sharpe, L.G. (203) 141)

Strychnine-insensitive glycine receptors
ACPC (1-aminocyclopropanecarboxylic acid); NMDA (N-methyl-D-aspartate); Plus-maze; Forced swimming test (Trullas, R. (203) 379)

Substance P
Tachykinin receptors; Uterus (rat) (Barr, A.J. (203) 287)

Substance P analogues (hepta- and hexapseudopeptide); Spantide; NK_1 receptors; NK_2 receptors; Ileum (guinea-pig); Duodenum (rat) (Zacharia, S. (203) 353)

Substance P analogues (hepta- and hexapseudopeptide)
Substance P; Spantide; NK_1 receptors; NK_2 receptors; Ileum (guinea-pig); Duodenum (rat) (Zacharia, S. (203) 353)

Supersensitization
Ontogeny; Dopamine; Dopamine D_1 receptors; 6-Hydroxydopamine (6-OHDA); SK&F 38393 (Hamdi, A. (203) 115)

Tachykinin receptor antagonists
Tachykinins; Tachykinin receptors; Colon (human); NK_2 receptor subtypes (Giuliani, S. (203) 365)

Tachykinin receptors
Uterus (rat); Substance P (Barr, A.J. (203) 287)

Tachykinins; Colon (human); Tachykinin receptor antagonists; NK_2 receptor subtypes (Giuliani, S. (203) 365)

Tachykinins
Tachykinin receptors; Colon (human); Tachykinin receptor antagonists; NK_2 receptor subtypes (Giuliani, S. (203) 365)

Tail flicks (spontaneous)
NMDA (N-methyl-D-aspartate); MK 801; Phencyclidine (PCP); CPP (3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); CGS 19755; $5\text{-}HT_{1A}$ receptors (Millan, M.J. (203) 315)

S 14671; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); $5\text{-}HT_{1A}$ receptors; Naphthylpiperazine (Millan, M.J. (203) 319)

Tetrahydroaminoacridine
Muscarinic receptors; Muscarinic receptor subtypes; Allosteric antagonists; Brain; (Rat) (Kiefer-Day, J.S. (203) 421)

Thermodynamics
β-Adrenoceptors; β_2-Adrenoceptor-selective agonists; Broxaterol; Enthalpy changes; Entropy changes (Sala, R. (203) 17)

Thermoregulation
Oxytocin; Ultrasonic vocalization; Anxiety; Affiliation (Insel, T.R. (203) 149)

Thyrotropin-releasing hormone (TRH)
Spinal cord injury; Naloxone; Neurologic impairment; (Time extent of effectiveness) (Hashimoto, T. (203) 25)

Thyrotropin-releasing hormone (TRH) release
5-HT (5-hydroxytryptamine, serotonin); Spinal cord (Ono, H. (203) 283)

Tissue selectivity
Ca^{2+} channel blockers; Smooth muscle (vascular); Cardiac muscle; Ca^{45}uptake; Ca^{2+} binding; (Slow response) (Shibata, S. (203) 337)

Trachea (guinea-pig)
Co-axial bioassay; EpDRF (epithelium-derived relaxant factor); Airway; Bronchus (rabbit); Aorta (rat) (Gunn, L.K. (203) 405)

Transmitter release
Miniature end-plate potential–fluoride; G-proteins; Protein kinase C (Light, P.E. (203) 311)

Twitch contractions (electrically stimulated)
σ Receptors; Vas deferens (mouse); Brain (guinea-pig) (DeHaven-Hudkins, D.L. (203) 329)

Ultrasonic vocalization
Oxytocin; Anxiety; Thermoregulation; Affiliation (Insel, T.R. (203) 149)

Urethane
Halothane; Ketamine; Pentobarbitone; Ether; Alphaxalone; Diisopropylphenol; Lignocaine; Ca^{2+} currents (axonal); Olfactory cortex (McGivern, J. (203) 59)

Urethra
Adrenoceptors; (Lamb) (García-Pascual, A. (203) 259)

Uterus (rat)
Tachykinin receptors; Substance P (Barr, A.J. (203) 287)

Vas deferens
NPY receptors; NPY Y_1 receptor agonists; NPY Y_2 receptor agonists; Spleen; Kidney; Nasal mucosa; Vasoconstriction (Modin, A. (203) 165)

Neuropeptide Y (NPY); Neurotransmission; Hormonal regulation; Castration/neurotransmission; (Age and castration); (Rat) (Bitran, M. (203) 267)

Vas deferens (mouse)
σ Receptors; Brain (guinea-pig); Twitch contractions (electrically stimulated) (DeHaven-Hudkins, D.L. (203) 329)

Vas deferens (rabbit)
Muscarinic M_1 heteroreceptors (prejunctional); Muscarinic receptor agonists; Ca^{2+}; Pirenzepine; 4-Cl-McN-A-343 (Dörje, F. (203) 417)

Vasoconstriction
NPY receptors; NPY Y_1 receptor agonists; NPY Y_2 receptor agonists; Spleen; Kidney; Nasal mucosa; Vas deferens (Modin, A. (203) 165)

Neuropeptide Y (NPY); VIP (vasoactive intestinal polypeptide); Pertussis toxin; G-proteins (Morris, J.L. (203) 275)

Verapamil
Hypoxia; Intrapulmonary artery rings (sheep); Flurbiprofen (Demiryurek, A.T. (203) 1)

Veratridine
Na^+ currents; Cardioprotection; Cardiac cells; (Block) (Verdonck, F. (203) 371)

VIP (vasoactive intestinal polypeptide)
Neuropeptide Y (NPY); Vasoconstriction; Pertussis toxin; G-proteins (Morris, J.L. (203) 275)

Withdrawal (precipitated and abrupt)
Butorphanol; Morphine; Physical dependence (Horan, P. (203) 387)

Xylamidine
5-HT (5-hydroxytryptamine, serotonin); Circumventricular organs; Blood pressure; (Conscious rat) (Pérgola, P.E. (203) 145)